Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 25 Aug 2020 until 23:59 on Wednesday 26 Aug 2020

Forecast Issued on Monday 24 Aug 2020 at 14:12

Confidence: Generally high through Tuesday and Wednesday. Reducing to moderate through the latter part of the week.

Headline for Tuesday 25 Aug 2020: Very wet and windy through much of Tuesday, especially so for late August.

Mountain weather hazards on Tuesday 25 Aug 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
High Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Dull	Heavy Rain	Heavy Rain	Heavy Rain	Heavy rain showers	Light rain	Light rain	Light rain
Precipitation probability							
10%	80%	>95%	90%	80%	80%	80%	80%

Forecast for Tuesday 25 Aug 2020

Weather: Heavy rain and gales will arrive through the early hours of Tuesday and spread across the park before dawn. Rain will be at its heaviest and most persistent through the morning with southern facing hills likely to see the heaviest rain. As rain eases early afternoon, a few bright or sunny intervals may develop, but heavy and perhaps thundery showers will push in, before persistent rain and drizzle returns through the afternoon and evening, with western facing hills likely to see the heaviest rain by then. Southerly winds will be strong through the morning, widely reaching gale strength, especially across summits. Winds will gradually change direction to blow from the southwest through the afternoon and then from the northwest into the evening. Persistent rain will make for slippery paths and and channels of water will develop through the day.

Chance of cloud free mountain/hill tops above 600m: 0-10% for most of the day, but briefly improving to 60% between 12:00-15:00.

Visibility: Often moderate or poor in rain and very poor in fog (low cloud). Occasionally good, mainly through early afternoon.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 25 Aug 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/21 SE	15/21 SE	22/31 SE	28/40 S	28/40 S	31/45 SW	29/44 SW	29/44 W	27/42 W
300	12/20 SE	11/19 SE	19/31 SE	24/37 SE	23/35 S	26/40 SW	25/41 SW	25/41 W	23/39 W
Valley	7/18 SE	7/17 SE	13/31 SE	17/36 SE	17/35 S	18/38 SW	17/37 SW	19/40 W	18/38 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/9	11/8	11/7	12/8	14/10	13/8	12/7	11/6	11/6
300	14/12	13/12	14/10	14/10	17/13	16/11	14/10	13/9	12/9
Valley	14/13	14/13	14/11	14/12	17/15	16/13	14/12	13/10	13/10
Freezing Level*	2500m	2700m	2900m	3200m	2900m	2900m	2900m	3000m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Wind gusts likely to be higher on summits, exceeding 50mph at times.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 24 Aug 2020	6mm	14.2mm	15mm

Forecast for Wednesday 26 Aug 2020

Weather: Remaining wet and windy through the first part of Wednesday with further periods of heavy rain and gales for a time. This will then clear away to give a fine afternoon with much lighter winds, leading into a chilly but clear start to the night.

Maximum wind: Northwesterly 35-40mph, gusting 45-50mph but quickly easing by 12:00 to northwesterly 10-15mph, gusting 20mph.

Chance of cloud free mountain/hill tops above 600m: 0-10% until 10:00-13:00 (eastern areas cloudiest for longest) then improving to 100% thereafter.

Visibility: Often moderate or poor in rain and very poor in fog (low cloud). Becoming excellent through the afternoon with some clarity on far reaching ridges.

Temperature: **Valleys:** Plus 13 Celsius, rising to Plus 16 Celsius.
At 600m: Plus 10 Celsius.
Freezing level: Above summits.

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